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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/035,146	01/04/2002	Nagatoshi Kurahashi	501.41062X00	1748	
20457	7590 06/30/2003				
	LI, TERRY, STOUT &	EXAM	EXAMINER		
SUITE 1800	I SEVENTEENTH STR	CHOWDHURY, TARIFUR RASHID			
ARLINGTO	N, VA 22209-9889		ART UNIT	PAPER NUMBER	
			2871		
			DATE MAILED: 06/30/2003	3	

Please find below and/or attached an Office communication concerning this application or proceeding.

	•	Application No.		plicant(s)	- XX
		10/035,146		KURAHASHI ET A	1
Office Action Summary		Examiner		Art Unit	L.
		Tarifur R Chowdl	ł	2871	
Dii-	The MAILING DATE of this communication a				iress
Period to	or Reply				
- Exte after - If the - If NC - Failu - Any	ORTENED STATUTORY PERIOD FOR REF MAILING DATE OF THIS COMMUNICATION nsions of time may be available under the provisions of 37 CFR SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a nilperiod for reply is specified above, the maximum statutory period to reply within the set or extended period for reply will, by state to reply within the set or extended period for reply will, by state pelly received by the Office later than three months after the mailed patent term adjustment. See 37 CFR 1.704(b).	1. 1.136(a). In no event, hower eply within the statutory min od will apply and will expire:	ver, may a reply be time imum of thirty (30) days GIX (6) MONTHS from the	ly filed will be considered timely. le mailing date of this cor	nmunication.
1)	Responsive to communication(s) filed on 19	0 May 2003			
2a) <u></u>		This action is non-fi	nal		
3)	Since this application is in condition for allocal closed in accordance with the practice under	wance except for fo	rmal matters, pro	secution as to the 3 O.G. 213.	merits is
	on of Claims				
	Claim(s) 1-15 is/are pending in the application				
	4a) Of the above claim(s) is/are withdr	awn from considera	ition.		
	Claim(s) <u>1-4 and 8-10</u> is/are allowed.				
	Claim(s) <u>5 and 11</u> is/are rejected.				
	Claim(s) <u>6,7 and 12-15</u> is/are objected to.				
	Claim(s) are subject to restriction and, on Papers	or election requirer	nent.		
٦ [[9	he specification is objected to by the Examir	ier.			
10)⊠ Т	he drawing(s) filed on <u>04 January 2002</u> is/ard	e: a)⊠ accepted or b)☐ objected to by	the Examiner.	
	Applicant may not request that any objection to t	he drawing(s) be held	in abeyance. See	37 CFR 1.85(a).	
11)[] T	he proposed drawing correction filed on	is: a)∏ approve	d b)⊡ disapprove	ed by the Examiner	
_	If approved, corrected drawings are required in r	-	on.		
	he oath or declaration is objected to by the E	xaminer.			
Priority u	nder 35 U.S.C. §§ 119 and 120				
13)🛛 .	Acknowledgment is made of a claim for foreig	n priority under 35	U.S.C. § 119(a)-((d) or (f).	
a)[∑	☑ All b)☐ Some * c)☐ None of:				
i	1. Certified copies of the priority documer	nts have been receiv	ved.		
2	2. Certified copies of the priority documer	its have been receiv	ed in Application	No	
	B. Copies of the certified copies of the price application from the International Bet the attached detailed Office action for a lis	ureau (PCT Rule 17	'.2(a)).	in this National St	age
	knowledgment is made of a claim for domes			to a provisional a	pplication).
a)	The translation of the foreign language procknowledgment is made of a claim for domes	ovisional application	n has been receiv	red.	, p. 10 - 11 - 11 - 11 - 11 - 11 - 11 - 11
1) Notice 2) Notice	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) ation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) 1 / 2	nterview Summary (P lotice of Informal Pate ther:	TO-413) Paper No(s). ent Application (PTO-1	 I52)
TO-326 (Rev.	04.00	ction Summary		Part of Paper No. 6	

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DETAILED ACTION

Election/Restrictions

1. In response to applicant's argument and amendment filed on 05/19/03, the examiner hereby withdraws the restriction requirement and accordingly all the pending claims are examined on the merits

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 5. Claims 5 and 11 are under 35 U.S.C. 102(e) as being anticipated by TAI et al., (TAI), US 2001/0046027.
- 6. TAI discloses (page 1, paragraph 0017, page 2, paragraph 0030 page 3, paragraph 0036) and shows in Figs. 3 and 4(F), a liquid crystal display device

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comprising, in each pixel area on a liquid-crystal-side surface of one of substrates disposed in opposition to each other with a liquid crystal interposed (only the electrode substrate is shown; inherently a liquid crystal display device includes an opposing substrate with a liquid crystal material between the two substrates):

- a thin film transistor (305) to be driven by supply of a scanning signal from a gate signal line (303) (Fig. 3);
- a pixel electrode (406) to be supplied with a video signal from a drain signal line (407) via the thin film transistor (Fig. 4(F)); and
- a counter electrode (409) which causes an electric field to be generated between the counter electrode and the pixel electrode (406),

the counter electrode (409) being formed in a layer overlying pixel electrode (406) with a passivation layer (408) (applicant's interposed film) interposed between at least a portion of counter electrode (409) and at least a portion of the pixel electrode (406),

the passivation layer made of transparent non-conductive insulator (organic or inorganic),

the counter electrode being made of a plurality of stripe-shaped counter electrodes which are disposed to be extended in one direction and to be juxtaposed in a direction transverses to the one direction (Fig. 3, page 2, paragraph 0017), and

the pixel electrode being made of a transparent plate-shaped (applicant's plane-shaped) electrode which is formed in a large part of the pixel area (Fig.3, page 2, paragraph 0017).

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Accordingly, claims 5 and 11 are anticipated.

Allowable Subject Matter

7. Claims 1-4 and 8-10 are allowed.

Claims 6, 7, 12-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 13 and 14 are objected due to their dependency on claim 12.

Conclusion

- 8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- a) USPAT 6,005,648 is related to an in-plane switching type liquid crystal display device wherein an organic insulator is interposed between the common electrode and the pixel electrode.
- b) USPAT 6,469,765 and US 2001/0048498 (commonly assigned) are related to a liquid crystal display device wherein the common electrode is formed as a lower layer on a substrate and then an insulating layer is formed on the common electrode and then a pixel electrode is formed on the insulating layer.
- c) US 2002/0149729, assigned to the same assignee as the instant application, is related to a liquid crystal display apparatus wherein an insulating film for reducing capacity is formed between the common signal electrode and the pixel electrode.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tarifur R Chowdhury whose telephone number is (703) 308-4115. The examiner can normally be reached on M-Th (6:30-5:00) Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H. Kim can be reached on (703) 305-3492. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7005 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

T. Chowdhury Primary Examiner

Technology Center 2800

TRC June 24, 2003